



## TRANSTHORACIC ECHOCARDIOGRAM

**GOLD COAST HEART CENTRE**  
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**Name:** Angela ARGYROU  
**DOB:** 10/12/1974

**Study Date:** 22/12/2022  
**Echo #** G99363221222

**Referring Doctor:**  
Dr Kang-Teng Lim

**Indication:** Recent pericarditis.

**Image Quality:** Good quality images. **Rhythm:** Sinus rhythm with ectopics at 65bpm.

### Left Ventricle:

Normal left ventricular size. Wall thickness is normal. Left ventricular systolic function is low normal to mildly impaired by visual assessment. The ejection fraction was 54% by Simpson's biplane method. Abnormal septal bounce, otherwise there are no other regional wall motion abnormalities at rest. Diastolic function is normal for age. Mild brightness observed in the posterior pericardium. Cannot exclude pericarditis.

### Right Ventricle:

Right ventricular size is normal. Right ventricular function is normal.

### Atria:

Atrial size is normal. The atrial septum appears intact.

### Valvular Function:

#### Aortic:

The aortic valve is trileaflet and opens freely. It is functioning normally.

#### Mitral:

The mitral valve is mildly thickened. There is mild (Grade 1/4) mitral regurgitation.

#### Tricuspid:

The tricuspid valve is structurally normal. There is mild (Grade 1/4) tricuspid regurgitation. The estimated pulmonary artery pressure is normal at 22mmHg, assuming a RA pressure of 3mmHg. The IVC is normal size with normal respiratory collapse.

#### Pulmonic:

The pulmonary valve is structurally normal. It is functioning normally.

### Pericardium and Aorta:

There appears some mild brightness in the posterior pericardium. There is no pericardial effusion. Aortic dimensions are within normal limits.

### CONCLUSION:

1. Normal left ventricular size with low normal to mildly impaired systolic function by visual assessment. Abnormal septal bounce.
2. Normal diastolic function for age.
3. Normal right ventricular size and function.
4. Mild mitral regurgitation.
5. No pericardial effusion. (This does not exclude pericarditis.)

**Dr Vijay Kapadia (MBBS FRACP)**  
**Interventional Cardiologist**